TETRA TECH

Dimock Groundwater Site Web Mapping Application
Cost Estimate

Primary Requirements Prioritization

Req. #	Target Finish Date	Approximate Hours	Estimated Cost	Requirement Description	Assigned to
A	TBD	2	$	Scribe database structure review of fields and data types	GIS Specialist
B	TBD	8	$	ArcGIS-Scribe database connection set up and query definitions	GIS Specialist and Geospatial Software Developer
C	TBD	4	$	Base map template set up	GIS Specialist
D	TBD	4	$	Data layer symbology definition	GIS Specialist
E	TBD	4	$	Web Map Service publication	Geospatial Software Developer
F	TBD	4	$	Web Map Application development	Geospatial Software Developer
G	TBD	Varies	$	Map template customization*	GIS Specialist
H	TBD	Varies	$	Package deployment in EPA server environment*	GIS Specialist

A. Scribe database structure review of fields and data types
$.00   2 Hours (GIS Specialist)

This task will involve reviewing the existing Scribe.net project for the site and reviewing the data field types to make sure that they can be mapped appropriately in ArcGIS software.

B. ArcGIS-Scribe database connection set up
$.00   8 Hours (GIS Specialist and Geospatial Software Developer)

This task will involve setting up an ArcGIS database connection to the Scribe.net database, creating spatial views needed for the web map service and verifying that the attribute tables populate data appropriately in ArcGIS software. If possible, this task may also include the development of a script to automate the Scribe.net subscription process at a regularly scheduled interval.

C. Base map template set up
$.00   4 Hours (GIS Specialist)

This task will involve developing a base map template to be used in the web map service.

D. Data layer symbology definition
$.00   4 Hours (GIS Specialist)

This task will involve the customization of data layers from the Scribe.net-ArcGIS database connection to create different spatial views for monitoring and sampling events, and any other required data categories.

E. Web Map Service publication
$.00   4 Hours (Geospatial Software Developer)

This task will involve publication of a Web Map Service using ArcGIS server tools. This operation will take place in the geospatial software developer's server environment.

F. Web Map Application development
$.00   4 Hours (Geospatial Software Developer)

This task will involve the development of a web mapping application interface, using the existing map template for Region 4. This application will be published in the geospatial software developer's server environment.

G. Map template customization*
$.00   TDB Hours (GIS Specialist)

This task will involve editing of the base map template at the discretion of the client, based on changes in data delivery needs. The time allotted for this task varies depending on the complexity of the request.

H. Package deployment in EPA server environment*
$.00   TDB Hours (GIS Specialist)

This task will involve preparing the data package for the EPA GIS Analyst for deployment in the EPA ArcGIS Server environment. This task is optional and it may be completed when the application is stable and finalized (no additional edits are required). The time allotted for this task varies depending on the structure of the data package and the support needed by the EPA GIS Analyst to deploy the application.